

What I claim is:

1. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a force gauging means which is attached to said plaque removing means, said force gauging means for gauging said motion forces between said plaque removing means and said surface.
2. A force gauging means according to claim 1, wherein said force gauging means is made from a gel composition.
3. A force gauging means according to claim 1, wherein said force gauging means is made from a gel composition having a gel rigidity of about 75 gram Bloom to about 300 gram Bloom.
4. A force gauging means according to claim 1, wherein said force gauging means is made from a gel composition having a gel rigidity of about at least 75 gram Bloom and greater and about at least 300 gram Bloom and lower.
5. A plaque removing means according to claim 1, wherein said plaque removing means is made from a gel composition having a gel rigidity of about at least 150 gram Bloom.
6. An oral care article comprising: a handle having attached at one end of said handle, a gel composite of at least one gel force gauging component and a brush member holding base, said gel force gauging component being attached to said handle 4 and attached to said brush member holding base for holding a brush member opposite said gel force gauging component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of about 75 gram Bloom to about 300 gram Bloom.
7. An oral care article comprising: a handle having attached at one end of said handle, a brush member holding base, said brush member holding base being attached to at least one gel force gauging component and holding a brush member 1 opposite said handle, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of about 75 gram Bloom to about 300 gram Bloom.
8. An oral care article comprising: a handle having attached at one end of said handle, a gel composite of at least one gel force gauging component and a brush member holding base, said brush member holding base being attached to at least one gel force gauging component 2 and holding a brush member opposite said handle, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of about 75 gram Bloom to about 300 gram Bloom.
9. An oral care article comprising: a handle having attached at one end of said handle, a composite of at least one gel force gauging component and at least one plaque removing gel component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom and said plaque removing gel component is made from a gel composition having a selected gel rigidity of from about 150 gram Bloom to about 1,250 gram Bloom.
10. An oral care article comprising: a handle having attached at one end of said handle, a composite comprising at least one gel force gauging component 5 and a plaque removing

textural component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom and said plaque removing textural component is made from a woven or non woven fabric of webs, loops, and fibers, and a sponge.

11. An oral care article comprising: a handle having attached at one end of said handle, a plaque removing gel component, wherein said plaque removing gel component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom.

12. An oral care article comprising: a handle having attached at one end of said handle, a gel composite of at least one gel force gauging component which is attached to at least one a plaque removing gel component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom, and said plaque removing gel component 6 is made from a gel composition having a selected gel rigidity of from about 150 gram Bloom to about 1,250 gram Bloom.

13. An oral care article comprising: a handle attached to at least one plaque removing gel component, said plaque removing gel component having an array of protruded shaped grooves, stems, tips, wedges, points, angular edges, corners, and sides.

14. An oral care article comprising: a handle attached to at least one plaque removing gel component, said plaque removing gel component having a deep patterned surface for effective engaging plaque from off the surface of a tooth.

15. An oral care article comprising: at least one plaque removing gel component, said plaque removing gel component attached to a gel force gauging component having a hollow member sized for receiving and holding a finger, said gel force gauging component being surrounded by said a plaque removing gel component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom and said plaque removing gel component is made from a gel composition having a selected gel rigidity of from about 150 gram Bloom to about 1,250 gram Bloom.

16. An oral care article comprising: a gel force gauging component having a hollow member sized for receiving and holding a finger, said gel force gauging component being surrounded by a plaque removing textural component, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom and said plaque removing textural component is made from a woven or non woven fabric of webs, loops, and fibers, and a sponge.

17. An oral care article comprising: a gel force gauging component having a hollow member sized for receiving and holding a finger, said gel force gauging component being surrounded by a plaque removing gel component 6, wherein said gel force gauging component is made from a gel composition having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom and said plaque removing gel component is made from a gel composition having a selected gel rigidity of from about 150 gram Bloom to about 1,250 gram Bloom.

18. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of

said handle means a gel force gauging component made from

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s) and from

(ii) about 300 to about 1,600 parts by weight of a plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)_n, poly(styrene-isoprene-styrene)_n, poly(styrene-isoprene)_n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene.

19. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s) and from

(ii) about 300 to about 1,600 parts by weight of a plasticizing oil; and in combination with or without

(iii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene)_n, poly(styrene-isoprene-styrene)_n, poly(styrene-isoprene)_n, poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, star-shaped, branched or multiarm copolymer.

20. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene block copolymer(s) with 2-methyl-1,3-butadiene and 1,3-butadiene and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil; in combination with or without

(iii) a selected amount of one or more selected polymer or copolymer selected from the group consisting of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, radial, branched, star-shaped, or multiarm copolymer; and n is an integer greater than one.

21. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from

(i) 100 parts by weight of one or a mixture of two or more of a hydrogenated styrene isoprene/butadiene block copolymer(s), wherein at least one of said block copolymer is a high viscosity copolymer having a viscosity value at 5 weight percent solution in toluene at 30°C

of about 90 cps and higher which corresponds to a viscosity at 10 weight percent of about 5800 cps and higher which corresponds to a viscosity at 20 weight percent solids solution in toluene at 25°C of at about 80,000 cps and higher, and

(ii) from about 300 to about 1,600 parts by weight of an plasticizing oil, and in combination with or without

(ii) a selected amount of one or more polymers or copolymers of poly(styrene-butadiene-styrene), poly(styrene-butadiene), poly(styrene-isoprene-styrene), poly(styrene-isoprene), poly(styrene-ethylene-propylene), poly(styrene-ethylene-propylene-styrene), poly(styrene-ethylene-butylene-styrene), poly(styrene-ethylene-butylene), poly(styrene-ethylene-propylene)_n, poly(styrene-ethylene-butylene)_n, polystyrene, polybutylene, poly(ethylene-propylene), poly(ethylene-butylene), polypropylene, or polyethylene, wherein said selected copolymer is a linear, branched, radial, star-shaped, or multiarm copolymer; and n is an integer greater than one.

22. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from a gel comprising a hydrogenated styrene block copolymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from less than about 75 gram Bloom to about 300 gram Bloom and higher.

23. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from a hydrogenated styrene block copolymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom, wherein a source of said hydrogenated poly(styrene-isoprene/butadiene-styrene) block polymer being a Septon® poly(styrene-ethylene-ethylene-propylene-styrene) block copolymer.

24. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from a hydrogenated styrene block copolymer is one or more of a block copolymer of poly(styrene-ethylene-ethylene-propylene-styrene) and oil, said gel having a selected gel rigidity of from about 75 gram Bloom to about 300 gram Bloom, wherein said one or more (i) block copolymer(s) is poly(styrene-ethylene-ethylene-propylene-styrene) and a source of said block copolymers being Septon® 4033, Septon® 4044, Septon® 4045 and Septon® 4055, Septon® 4077, and Septon® 4099.

25. An oral care article comprising: a handle means for transferring one or more motion forces to a plaque removing means for contact with a surface having attached at one end of said handle means a gel force gauging component made from one or more gels made from SEBS, SEPS, SEEPS, SBS, SBEBS, SEB/EPS, silicone, and polyurethane.